

# Terlipressin acetate

**ALTERNATE NAME:** acetic acid;(2S)-1-[(4R,7S,10S,13S,16S,19R)-19-[[2-[[2-[(2-aminoacetyl)amino]acetyl]amino]acetyl]amino]-7-(2-amino-2-oxoethyl)-10-(3-amino-3-oxopropyl)-13-benzyl-16-[(4-hydroxyphenyl)methyl]-6,9,12,15,18-pentaoxo-1,2-dithia-5,8,11,14,17-pentazacycloicosane-4-carbonyl]-N-[(2S)-6-amino-1-[(2-amino-2-oxoethyl)amino]-1-oxohexan-2-yl]pyrrolidine-2-carboxamide

**CATALOG #:** B3394-5 5 mg  
B3394-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>52</sub>H<sub>74</sub>N<sub>16</sub>O<sub>15</sub>S<sub>2</sub>• XC<sub>2</sub>H<sub>4</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 1227.4

**CAS NUMBER:** 914453-96-6

**APPEARANCE:** Solid

**PURITY:** ≥95%

**SOLUBILITY:** 25 mg/ml DMSO

**DESCRIPTION:** Terlipressin is an analogue of vasopressin used as a vasoactive drug in the management of hypotension which has been found to be effective when norepinephrine fails. Terlipressin acts as a partial agonist of the vasopressin V1A receptor (K<sub>i</sub> = 0.85 μM). It is also an agonist of vasopressin V1B and V2 receptors (K<sub>i</sub>s = 1.11 and 1.58 μM, respectively).

**STORAGE TEMPERATURE:** -20°C. Protect from moisture

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Emetine dihydrochloride hydrate (B2339)  
Vasopressin ELISA Kit (E4504)  
Emetine dihydrochloride (1970)  
Tolvaptan (B2583)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*